

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

This Document contains information affecting the National Defense of the United States, within the meaning of Title 18, Sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law. The reproduction of this form is prohibited.

SECRET
SECURITY INFORMATION

25X1

COUNTRY	East Germany	REPORT	
SUBJECT	Central Laboratory of the East German Ministry for Post and Telecommunications in Berlin-Adlershof	DATE DISTR.	1 June 1953
DATE OF INFO.		NO. OF PAGES	6 25X1
PLACE ACQUIRED		REFERENCE	
	ARMY review completed.		25X1

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

GENERAL

25X1

1. The Central Laboratory (Zentral-Laboratorium) is a division of the East German Ministry for Post and Telecommunications (Post und Fernmeldewesen). At the time of my departure, Heiss was the titular head of this ministry and Dipl. Ing. Probst was its technical director. [See Annex (A), an Organization Chart of the Central Laboratory, and Annex (B), a Site Layout of the Laboratory.] Their office was known as the General-Intendanz. The various sections, which handled affairs of the existing broadcast, as well as the proposed television stations of East Germany, were under the jurisdiction of the General-Intendanz. These stations were to be located in Berlin-Adlershof, Leipzig, Dresden, and possibly Halle. In addition to a section for each of these broadcast and television stations, there was

25 YEAR RE-REVIEW

SECRET

STATE	#x	ARMY	#x	NAVY	#x	AIR	#x	FBI		AEC		OSI	Ev	x	
-------	----	------	----	------	----	-----	----	-----	--	-----	--	-----	----	---	--

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

25X1

SECRET
-2-

25X1

the Central Laboratory which handled the experimental activities of both radio and television.

2. Although the Central Laboratory and the television station at Adlershof were each a section, they were both under the direction of KLEINERT, a politician who has somewhat displaced MAHLE. Both of these men were subordinate to PROBST and HEISS in the General Intendanz.

ORGANIZATION OF THE CENTRAL LABORATORY

3. The Central Laboratory, under the direction of KLEINERT and MAHLE, is divided into two branches--radio and television. Dipl. Ing. STIER, the technical director of the Central Laboratory, is chief of the television branch.

25X1

There are two major sections of the television branch--the television section, headed by Dipl. Ing. MATZKE and the high vacuum section, headed by Dipl. Ing. HASS. The radio branch was moved to a new (eight-story) building located in Rummelsburg by Kraftwerk Klingenberg. The new vacuum department (see paragraph 5) expanded into the area formerly occupied by this radio branch.

25X1

THE TELEVISION SECTION

Cameras

25X1

4. Chief- Dipl. Ing. Werner HOFFMANN
HOFFMAN was the technical director of the television studios as well as being in charge of camera development.

25X1

Deflection circuits and scanning systems

Chief- Ing. Emil SIEGEL

25X1

Intermediate frequency amplifiers

Chief- Dr. Ing. STRACK, a physicist

25X1

High frequency activities

Chief- Dipl. Ing. LEGLER
(Schaltplane)

25X1

Chief - Dipl. Ing. MALY

SECRET

secret
-3-

25X1

(Taktgeber)

Chief- Ing. RICHTER

THE HIGH VACUUM SECTION

5. There were approximately 50 employees in the high vacuum laboratory. They plan to work on the development and production of all types of television and transmitter tubes. HASS, the chief of the section, had had success with his work on the development of infrared iconoscopes while in Moscow. Although iconoscopes were a bottleneck in Soviet Zone production, Dr. ECKHARDT, a specialist in the infrared field, came to our laboratories to work as a "free worker" and developed two satisfactory iconoscopes for use with normal light. It was said that after October 1952, 500 of these iconoscopes were going to be produced monthly. (These iconoscopes are for normal light use.) As stated previously, the offices of the radio broadcasting section was moved--to make way for this new high vacuum department.

6. In connection with the possible monthly production and use of 500 iconoscopes [redacted] these iconoscopes will not be sent to the USSR since good quality Russian-made iconoscopes were in adequate quantity there. (These Russian iconoscopes had a life of approximately 300 hours.)

25X1

OPERATION AND PRODUCTION POTENTIAL

7. [redacted] the small studio at Berlin-Adlershof will be ready to operate on an eight-hour day schedule in about one and a half years. By that time they will have two or three television cameras and the remainder of the organization will be operative. [redacted] the rooms for the artists were in the final stages of being completed and equipped. AUGUSTIN, a former motion picture executive, was the supervisor of the television studios. [redacted]

25X1

25X1

25X1

[redacted] the studios will function smoothly in spite of all difficulties. The layout of these quarters was really much better than that of the FTZ. [redacted]

25X1

[redacted] the technical installation and the stages were inferior to those at Adlershof.

25X1

8. The transmitter at Berlin-Adlershof was a provisional one; the regular one was not yet completed. There was some trouble with the transmitter. [redacted]

25X1

[redacted] it seemed that they had to go to the legal channel, number five, and the transmitter would not tune up that high. There was a second difficulty which had to do with the separation between the picture channel and the audio-channel. It was originally planned for a total band of five megacycles and the Soviets ordered that they go to six megacycles.

SECRET

SECRET

-4-

25X1

[redacted] a Czechoslovakian commission visited
Adlershof to investigate the possibilities of purchasing
tubes and equipment. [redacted]

25X1

[redacted] the mission was kept quite secret.

25X1

MISCELLANEOUS

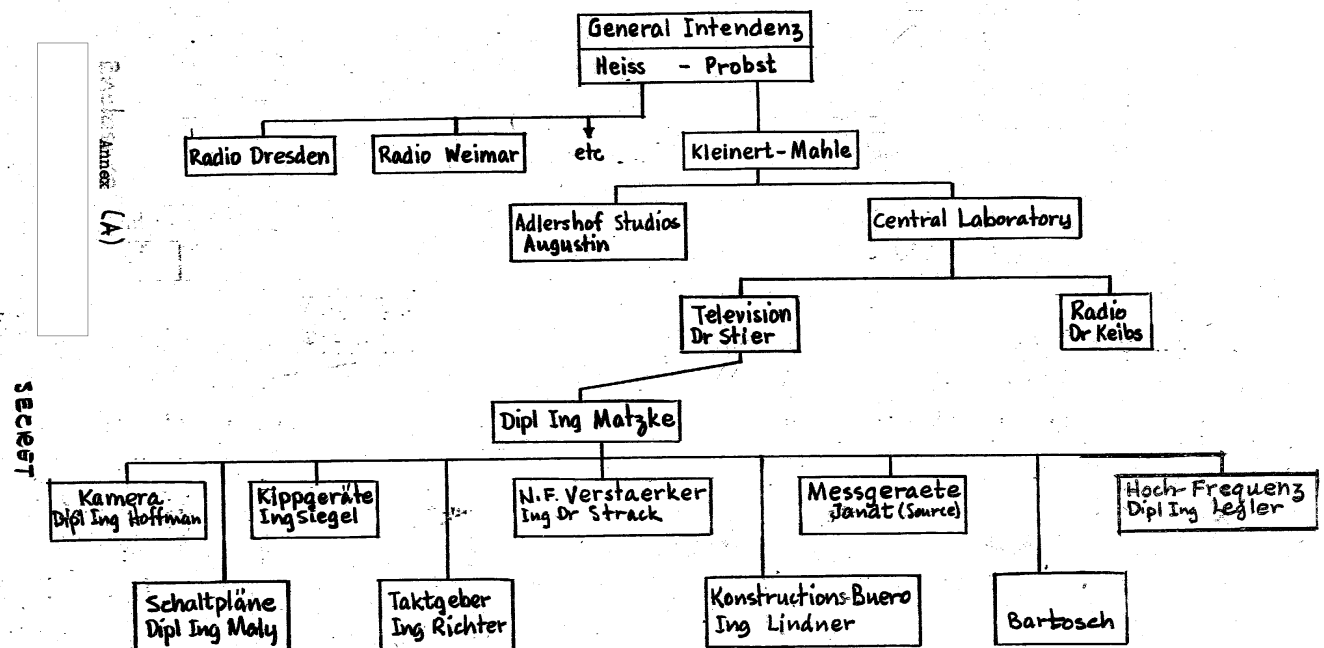
10. The vacuum tubes that are made in the USSR are of very poor
quality. [redacted]

25X1

Annex (A): Organization Chart, Central Laboratory,
Berlin-Adlershof, Germany (SovZone)

Annex (B): Site Layout, Central Laboratory Building, Berlin-
Adlershof, Germany (SovZone)

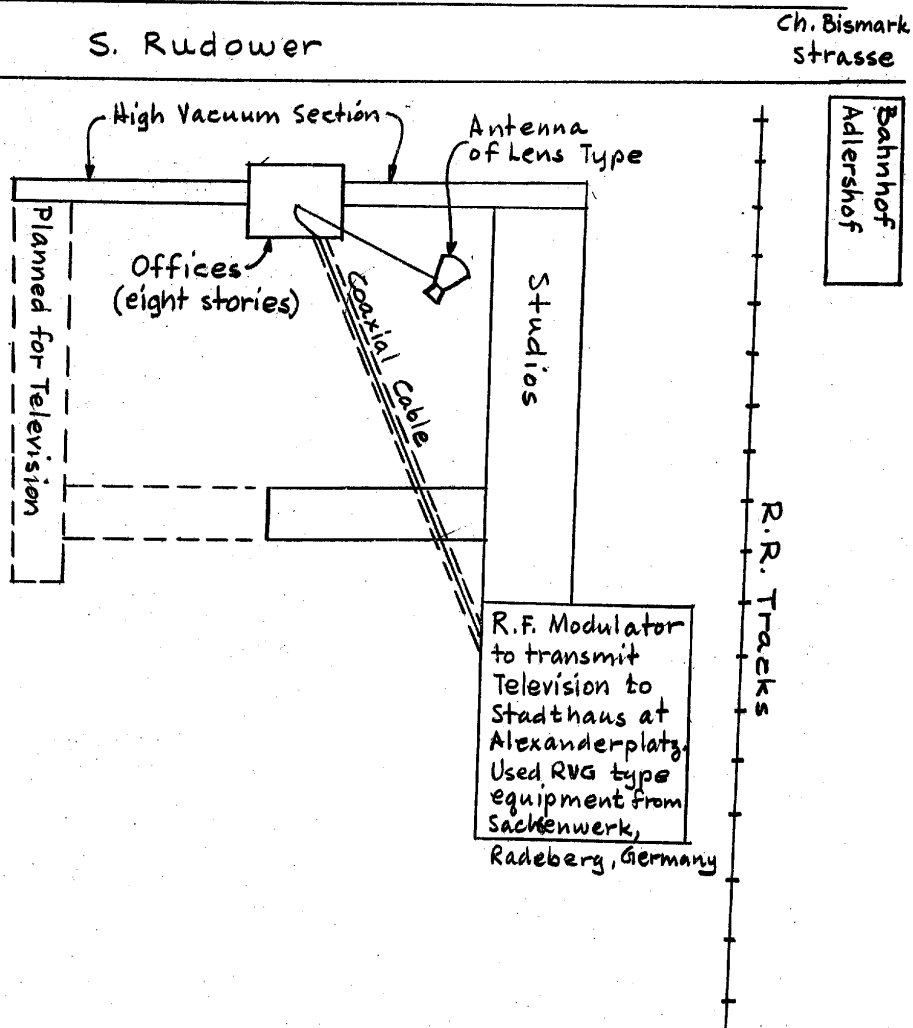
SECRET



ORGANIZATION CHART - CENTRAL LABORATORY
Berlin-Adlershof, Germany (SovZone)

SECRET

- 6 -



SITE LAYOUT - CENTRAL LABORATORY BUILDING

Berlin-Adlershof, Germany (SovZone)

Annex (B)

25X1

SECRET